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L11: Entry 1 of 2   File: PGPB   Sep 18, 2003

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TITLE: Abrasive particles containing sintered, polycrystalline zirconia

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Castro, Darren T.	Woodbury	MN	US	
Jehring, Vincent W.	Stillwater	MN	US	
Rosenflanz, Anatoly Z.	Maplewood	MN	US	
Wood, Thomas E.	Stillwater	MN	US	

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
3M Innovative Properties Company				02

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REPRESENTATIVE-FIGURES: 1

ABSTRACT:

Abrasive particles and methods of making abrasive particles are disclosed. The abrasive particles may be incorporated into a variety of abrasive articles, including bonded abrasives, coated abrasives, nonwoven abrasives, and abrasive brushes.

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L13	l10 not l12	20	L13
L12	l10 and (sintered or sintering) near3 (abrasive or zirconia or zirconium or "zro.sub.2")	21	L12
L11	L10 and (polycrystal or polycrystalline) near2 (zirconia or zirconium or "zro.sub.2")	2	L11
L10	l1 or l2 or l3 or l4 or l5	41	L10
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L9	L6 and (binder or bond or bonding)	10	L9
L8	L6 and binder	7	L8
L7	L6 and abrasive and binder	0	L7
L6	polycrystalline near3 (zirconia or zirconium or "zro.sub.2")	74	L6
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L5	(((501/103|501/104 |501/105)!.CCLS.) and (zirconia or zirconium) near10 (alumina or aluminum or silicon or silica)) AnD ((@pd > 20030331)!)	15	L5
L4	(L2 and (contain or content or amount or concentration) near5 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	14	L4
L3	(((51/307|51/308 |51/309)!.CCLS.) and abrasive adj (particle or grain) near10 stabilized near3 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	1	L3
L2	(((51/307|51/308 |51/309)!.CCLS.) and abrasive adj (particle or grain) near10 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	29	L2
L1	(((501/103|501/104 |501/105)!.CCLS.) and abrasive) AnD ((@pd > 20030331)!)	5	L1

END OF SEARCH HISTORY

Set Name	Query	Hit Count	Set Name
side by side			**result set**
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L11	L10 and (polycrystal or polycrystalline) near2 (zirconia or zirconium or "zro.sub.2")	2	L11
L10	l1 or l2 or l3 or l4 or l5	41	L10
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L9	L6 and (binder or bond or bonding)	10	L9
L8	L6 and binder	7	L8
L7	L6 and abrasive and binder	0	L7
L6	polycrystalline near3 (zirconia or zirconium or "zro.sub.2")	74	L6
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L5	(((501/103|501/104 |501/105)!.CCLS.) and (zirconia or zirconium) near10 (alumina or aluminum or silicon or silica)) AnD ((@pd > 20030331)!)	15	L5
L4	(L2 and (contain or content or amount or concentration) near5 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	14	L4
L3	(((51/307|51/308 |51/309)!.CCLS.) and abrasive adj (particle or grain) near10 stabilized near3 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	1	L3
L2	(((51/307|51/308 |51/309)!.CCLS.) and abrasive adj (particle or grain) near10 (zirconia or zirconium)) AnD ((@pd > 20030331)!)	29	L2
L1	(((501/103|501/104 |501/105)!.CCLS.) and abrasive) AnD ((@pd > 20030331)!)	5	L1

END OF SEARCH HISTORY